

Claims

1. Pharmaceutical composition for the treatment of constipation by rectal administration comprising a polar lipid component, a polyvalent alcohol component, water, and optionally an oily triglyceride.
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2. The composition of claim 1, wherein the oily triglyceride component is a fraction of natural triglyceride.
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3. The composition of claim 2, wherein the oily triglyceride component comprises fractionated oat oil.
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4. The composition of any of claims 1-3, wherein the polar lipid component comprises galactolipid.
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5. The composition of claim 4, wherein the galactolipid comprises digalactosyldiacylglycerol.
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6. The composition of any of claims 1-5, wherein the polyvalent alcohol component is selected from glycerol, propylene glycol, butylene glycol, pentylene glycol, hexylene glycol, butylene-1,4-diol, pentylene-1,5-diol, hexylene-1,6-diol, macrogol, and their mixtures.
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7. The composition of claim 6, wherein the polyvalent alcohol component is glycerol.
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8. The composition of claim 6, wherein the polyvalent alcohol component is propylene glycol.
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9. The composition of any of claims 1-8, comprising from 0 per cent to 30 per cent of oily triglyceride and from 0.5 to 30 per cent of polar lipid component.

10. The composition of any of claims 1-9 of a creamy consistence, comprising from 5 to 30 per cent of oily triglyceride.
- 5 11. The composition of any of claims 1-9 of a gellous or viscous consistence, comprising from 5 per cent to 30 per cent of polar lipid component, with the provisio that it is free from oily triglyceride.
- 10 12. The composition of claim 11, comprising from 8 per cent to 25 per cent of polar lipid component.
- 15 13. The composition of claim 11, comprising from 10 per cent to 20 per cent of polar lipid component.
14. The composition of any of claims 11-13, comprising from 5 per cent to 75 per cent of polyvalent alcohol component.
- 20 15. The composition of any of claims 11-13, comprising from 8 per cent to 70 per cent of polyvalent alcohol component.
16. The composition of any of claims 11-13, comprising from, 10 per cent to 70 per cent of polyvalent alcohol component.
- 25 17. The composition of claim 11, essentially consisting of from 8 to 25 per cent of galactolipid, from 8 to 75 per cent of glycerol, and from 20 to 75 per cent of water, with the proviso that said components add up to 100 per cent.
- 30 18. The composition of any of claims 1-17 comprising a pharmacologically active agent.
19. The composition of claim 18, wherein the pharmacologically active agent is selected from sulphasalazine, sodium aminosalicylate, diazepam, chlorpromazine, tramadol, morphine,
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domperidone, piroxicam, paracetamol, indomethacin, diclofenac, naproxen, metronidazole, antibiotics, antimycotics, local anaesthetics for use in hemorrhoid treatment such as lidocaine.

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20. The composition of any of claims 1-19, comprising one or more of colourant, preservative, perfume, UV-stabilizing agent, antioxidant.

10 21. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least $2.5 \cdot 10^{-3}$ Ns/m².

22. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least about $5 \cdot 10^{-3}$ Ns/m².

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23. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least about $9 \cdot 10^{-3}$ Ns/m².

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20 24. Compressible device filled with a single dose of the composition of any of claims 1-23 provided with a sealed mouthpiece adapted for rectal administration.

25 25. The device of claim 24 in form of a syringe.

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26. The device of claim 24 in form of a soft polymer container.

30 27. The device of any of claims 24-26, wherein the single dose has a volume of from 5 to 50 ml.

35 28. A method of treating constipation, comprising rectal administration of a constipation-dissolving amount of the composition of any of claims 1-23 to a person suffering from constipation.

29. A method of manufacture of the device of any of claims 24-27, comprising providing the composition of any of claims 1-23, providing a compressible container with a mouthpiece suited for rectal administration, filling the container with a 5 single dose of said composition, and sealing the container and/or the mouthpiece.

30. Use of the composition of claims 1-23 for treating constipation.

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31. Use of the composition of claim 18 or 19 for rectal administration of a pharmacologically active agent.

32. A method of manufacture of a medicament for treating 15 constipation, comprising blending a polar lipid component, a polyvalent alcohol component, water and, optionally, an oily triglyceride, to form a gellous or viscous solution.

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